Opening Plenary Session

Date and Time		Schedule	Presentation Title	Presenter	Title and affiliation
Day	Time				
Thursday, September 21	12:00 - 16:00	12:00 - 18:00	*Registration*		
		13:00-13:10	Welcome address from "Petru Maior" University of Targu Mures	Calin Enachescu	Rector of "Petru Maior" University of Targu Mures
		13:05-13:15	Welcome address from Agency ARNIEC/RoEduNet	Gheorghe Dinu	General Manager of Agency ARNIEC/RoEduNet
		13:15-13:30	ITC development and Mobile Emergency Service for Resuscitation and Extrication	Raed Arafat	Secretary of State at the Ministry of Internal Affairs, Founder of SMURD
		13:30-14:00	DANUBIUS-RI International Centre for Advanced Studies on River-Sea Systems - RoEduNet support	Octavian Rusu	Agency ARNIEC/RoEduNet, "Alexandru Ioan Cuza" University from Iasi
		14:00-14:30	European Cloud Collaboration through GÉANT	Slavko Gajin	GÉANT / University of Belgrad

14:30 - 15:00	*Coffee Break*

Sponsors Session

Date and Time		Schedule	Presentation Title	Presenter	Title and affiliation
Day	Time				
Thursday, September 21	16:30 - 19:00	15:00-16:00	The 4th Industrial Revolution, Next Generation Wi-Fi and Intelligent Data	Stephen Hoy	Aerohive
		16:00-17:00	The Networking Grand Challenge: Can We Rise to It?	Lx Renner	Juniper
		17:00-18:30	Cisco Security Updates – Focus on Endpoint	Petre Popescu	Datanets
		18:00-19:00	Next generation network architecture – a foundation for the communications in the digital age	Vlad Biristeica	Cisco

19:00 - 22:00	*Welcome Cocktail - "Petru Maior" University of Targu Mures*

Social Networking and Services - room 1 (L21)

Date and Time		Paper time	Paper Title	Paper Authors
Day	Time			
Friday, September 22	09:00-10:40	09:00-09:20	The Use of Social Platforms And Personal Data Protection – An Exploratory Study	Bogdan Tiganoaia, Alexandra Cernian, Andrei Niculescu
		09:20-09:40	Predicting through Writing Style the Impact of Blog Posts in Online Communities	Dragos-Georgian Corlatescu, Ionut Cristian Paraschiv, Mihai Dascalu, Stefan Trausan-Matu, Nicolae Nistor
		09:40-10:00	Atlas: News Aggregation Service	Cosmin Grozea, Dumitru-Clementin Cercel, Cristian Onose, Stefan Trausan-Matu
		10:00-10:20	Collecting Facebook Data For Big Data Research	Ioan Dragan, Razvan Zota
		10:20-10:40	LED-based indoor navigation system for product localization in stores	Ioana-Ozana Buse, Alexandru Radovici

Network Security - room 2 (L24)

Date and Time		Paper time	Paper Title	Paper Authors
Day	Time			
Friday, September 22	09:00-10:40	09:00-09:20	Challenges in security in Internet of Things	Iulia Florea, Laura Cristina Ruse, Razvan Rughinis
		09:20-09:40	Sensor Data Validation and Abnormal Behavior Detection in the Internet of Things	Hunor Sándor, Béla Genge, Zoltán Szántó
		09:40-10:00	Operations on encrypted data in an ORM made for encrypted choreographies	Sinică Alboaie, Lenuța Alboaie, Ioana Bogdan, Mircea F. Vaida
		10:00-10:20	New Cryptanalytic Results on the Effect of Invariance Weakness in the KSAm Mechanism	Bogdan Crainicu, Adam Gergely
		10:20-10:40	Counting Bits in Parallel	Kinga Marton, Bolba Raluca, Alin Suciu

WORKSHOP AEROHIVE - room 3 (L31)

Date and Time		Title	Moderators/Speakers
Day	Time		
Friday, September 22	09:00-10:40	During this half day workshop, you will configure network settings yourself and experience how easy and simple it is to operate and deploy Aerohive's Management Platform. You will learn the business benefits of a controller-less Wi-Fi solution and have the opportunity to discuss your specific business challenges direct with our specialists during the networking session at the end of the workshop.	Ales Gosek

10:40-11:00	*Coffee Break*

Cloud Computing and Network Virtualisation - room 1 (L21)

Date and Time		Paper time	Paper Title	Paper Authors
Day	Time			
Friday, September 22	11:00-12:20	11:00-11:20	Horizontal Scalability towards server performance improvement	Ancuta-Pentronela Barzu, Drd. Mihai Barbulescu, Mihai Carabas
		11:20-11:40	Enhance Privacy in Big Data and Cloud via Diff-Anonym Algorithm	Imad Ali Hassoon, Nicolae Tapus, Anwar Chitheer Jasim
		11:40-12:00	Applications of the Cisco APIC-EM Software-Defined Networking Controller for a Virtualized Testbed	Cristina-Maria Gheorghe, Calin-Marian Iurian, Eduard-Florentin Luchian, Iustin-Alexandru Ivanciu, Virgil Dobrota
		12:00-12:20	Cloud Computing for a Hybrid System	Mihaela Puianu, Ramona-Oana Flangea, Mariana Marinescu, Viorel Marinescu

Senzor Networking - room 2 (L24)

Date and Time		Paper time	Paper Title	Paper Authors
Day	Time			
Friday, September 22	11:00-12:20	11:00-11:20	Industrial WSN node extension and measurement systems for air, water and environmental monitoring	Dumitru Cristian Trancă, Daniel Rosner, Rareș Curatu, Adrian Surpățeanu, Mariana Mocanu, Ștefan Pardău, Alexandru Viorel Pălăcean
		11:20-11:40	A Geno-Neural Approach to Data Fusion for Fixed Infrared Sensor Arrays	Ioan Marica, Monica Patrascu
		11:40-12:00	Encoder-based Path Tracking with Adaptive Cascaded Control for a Three Omni-wheel Robot	Vlad Barbulescu, Ioan Marica, Viorel Gheorghe, Mircea Nistor, Monica Patrascu
		12:00-12:20	EDMHT-LEACH: Enhancing the Performance of the DMHT-LEACH Protocol for Wireless Sensor Networks	Emad Alnawafa, Ion Marghescu

WORKSHOP AEROHIVE - room 3 (L31)

Date and Time		Title	Moderators/Speakers
Day	Time		
Friday, September 22	11:00-12:20	During this half day workshop, you will configure network settings yourself and experience how easy and simple it is to operate and deploy Aerohive's Management Platform. You will learn the business benefits of a controller-less Wi-Fi solution and have the opportunity to discuss your specific business challenges direct with our specialists during the networking session at the end of the workshop.	Ales Gosek

12:20-14:00	*Lunch*

Networking in Education and Research / Open Distance Learning / OpenSource and GNU in Education and Research - room 1 (L21)

Date and Time		Paper time	Paper Title	Paper Authors
Day	Time			
Friday, September 22	14:00-15:40	14:00-14:20	Computer Science Student Contests: Individuals or Teams?	Zoran Constantinescu, Simona Nicoara, Monica Vladoiu, Gabriela Moise
		14:20-14:40	Intelligent Agent based Expert System for Blended Learning Evaluation	Maria Viorela Muntean
		14:40-15:00	Collaborative learning tools for formal and informal engineering education	Bogdan Paul Fazakas, Ovidiu Claudiu Iuonas, Cosmin Porumb, Bogdan Iancu
		15:00-15:20	Problem-based learning and project-based learning concepts and their applications to engineering education	Andrei Mihai Rad, Tudor Horea Popa, Vasile-Danut Mihon, Bogdan Iancu
		15:20-15:40	Open Source Platform for Sharing Internet of Things Educational Materials	Alexandru Vochescu, Ioana Culic, Sorina Goran, Alexandru Radovici

Network Management / Wireless and Mobile Networks - room 2 (L24)

Date and Time		Paper time	Paper Title	Paper Authors
Day	Time			
Friday, September 22	14:00-15:40	14:00-14:20	A comprehensive study: Ant Colony Optimization (ACO) for Facility Layout Problem	Raed Abdulkareem Hasan, Mostafa Abdulgafoor Mohammed, Nicolae Țăpuș, Omar Abdulmaged Hammood
		14:20-14:40	Evaluation of WIMAX Network Performance of Baghdad city using different audio codecs	Haider M. Turki Al-Hilfi, Ali H. Najim, Ali M. Alsahlany
		14:40-15:00	Measurement of Node Mobility for the LoRa Protocol	Marius Lucian Andrei, Liviu Alexandru Rădoi, Dan Ștefan Tudose
		15:00-15:20	Implementation of a SDR-based Redundant Access Network using NI USRP-RIO	Alexandru Voina, Cristian Codău, Andra Pastrav, Tudor Palade, Emanuel Puschita, Horia Hedesiu, Claudiu Chirap
		15:20-15:40	Experimental Evaluation of the IEEE 802.11ac Standard Using NI USRP 2954R	Cristian Codău, Alexandru Voina, Andra Pastrav, Tudor Palade, Emanuel Puschita, Horia Hedesiu, Claudiu Chirap

WORKSHOP GÉANT - room 3 (A412)

Date and Time		Title	Moderators/Speakers
Day	Time		
Friday, September 22	14:00-15:40	eduroam in GÉANT Trust and Identity services portfolio	Miroslav Milinovic, CARNet/Src Sebastiano Buscaglione, GÉANT

15:40-16:00	*Coffee Break*

Technologies for Future Internet / Pervasive Systems and Computing - room 1 (L21)

Date and Time		Paper time	Paper Title	Paper Authors
Day	Time			
Friday, September 22	16:00-17:40	16:00-16:20	Using natural language processing for analyzing arabic poetry rhythm	Munef Abdullah Ahmed, Stefan Trausan-Matu
		16:20-16:40	Preemptive Infrastructure Maintenance Through Adaptive Pattern Search	Florin B. Manolache, Octavian Rusu
		16:40-17:00	Development Platform for Building Advanced Internet of Things Systems	Ioana-Maria Culic, Alexandru Radovici
		17:00-17:20	Key-Byte Algorithm for Image Compression	Feras Sameer Alhaijawy
		17:20-17:40	Enhancing the Physical Activity of Older Adults Based on User Profiles	Imad Alex Awada, Irina Mocanu, Adina Magda Florea, Lucia Rusu, Raluca Arba, Bogdan Cramariuc

Grid, HPC - room 2 (L24)

Date and Time		Paper time	Paper Title	Paper Authors
Day	Time			
Friday, September 22	16:00-17:40	16:00-16:20	RASSMon: Realtime Asynchronous Service Status Monitoring	Bianca Neagu, Corina Dulea, Horia V. Corcalciuc
		16:20-16:40	Evaluation of Multi-Source Downloads for FTS	Alin Grigorean, Mihai Carabas, Nicolae Tapus, Mihnea Dulea, Maria Arsuaga-Rios
		16:40-17:00	File caching and purging strategies in the Disk Pool Manager	Paul Dumitriu, Mihai Carabas, Nicolae Tapus, Mihnea Dulea
		17:00-17:20	Implementing advanced data flow and storage management solutions within a multi-VO grid site	Mihai Ciubăncan, Mihnea Dulea
		17:20-17:40		

Closing Plenary Session

Date and Time		Presentation Title	Presenter	Affiliation
Day	Time			
Friday, September 22	18:00 - 18:15	RoEduNet Conferences review	Calin Enachescu / Octavian Rusu	Agency ARNIEC/RoEduNet

Friday, September 22	19:00 - 24:00	Networking Event

Saturday, September 23	10:00 - 14:00	Networking Event - Sighisoara